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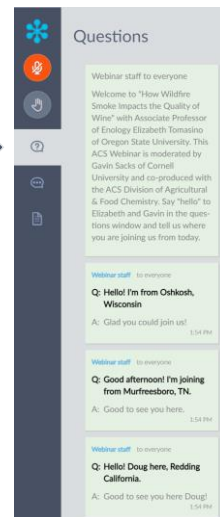


Questions or Comments?

Type them into the questions box!



"Why am I muted?"
Don't worry. Everyone is muted except the Presenter and the Host. Thank you and enjoy the show.



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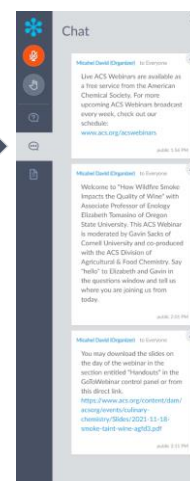
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Chat
Announcements and hyperlinks from our team



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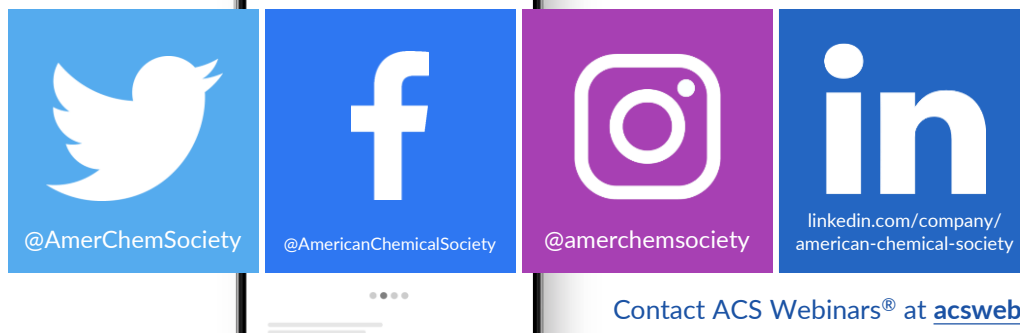


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Where is the Webinar Recording?



All Registrants

Watch the unedited recording linked in the **Thank You Email** for 24 hours.



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A Career Planning Tool For Chemical Scientists



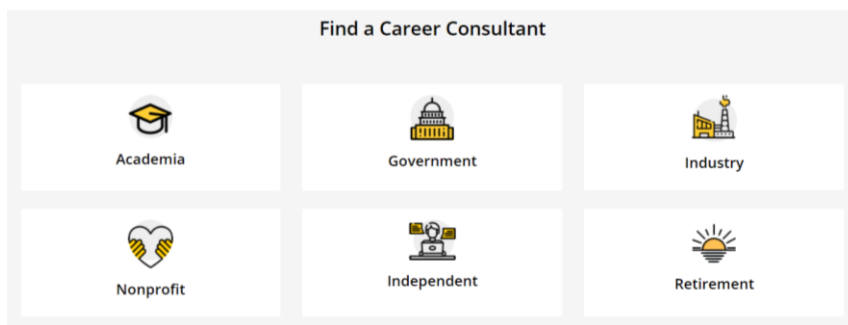
ChemIDP is an Individual Development Plan designed specifically for graduate students and postdoctoral scholars in the chemical sciences. Through immersive, self-paced activities, users explore potential careers, determine specific skills needed for success, and develop plans to achieve professional goals. **ChemIDP** tracks user progress and input, providing tips and strategies to complete goals and guide career exploration.

<https://chemidp.acs.org>

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Career Consultant Directory



- ACS Member-exclusive program that allows you to arrange a one-on-one appointment with a certified ACS Career Consultant.
- Consultants provide personalized career advice to ACS Members.
- Browse our Career Consultant roster and request your one-on-one appointment today!

www.acs.org/careerconsulting

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ACS Career Resources



Professional Development & Education

<p>ACS Professional Education Starting and taking opportunities from being exposed to new things, courses and ideas for your career.</p>	<p>ACS Leadership Development A suite of flexible, free and online courses for getting your leadership skills to leading greater authority.</p>	<p>ACS Institute An online learning portal that offers a virtual collection of learning and training resources designed by leading experts.</p>
<p>Virtual Classrooms Brought to you by ACS Career Pathways™, these online classrooms can provide exposure to key you, expand your career goals.</p>	<p>ACS Webinars Hundreds of webinars presented by subject matter experts in the chemical and petrochemical industries.</p>	<p>Career Events Free workshops and networking opportunities for the next generation of professionals.</p>
<p>ACS on Campus Free events where students can interact with top researchers, learn and bring home ACS offers and get career tips.</p>	<p>Podcast to Faculty Workshop An annual workshop for petrochemical research professors to help by positions in the chemical industry.</p>	<p>Career Kick-Starters Workshop A one-day career development workshop for graduate students and postdoctoral fellows.</p>

Managing Your Career

<p>ACS Career Pathways™ Helping students discover their own unique talents in industry, higher education, government, and working for yourself.</p>	<p>Career Consultants Personalized consulting services to address your unique career decisions and find solutions to your problems.</p>	<p>ChemISP® ACS Institute developed this resource for graduate students and postdoctoral fellows.</p>	<p>Résumé Review Get 1000+ you to make a resume that is effective in supporting your job applications.</p>
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Register for a 2023 Virtual Office Hour

2 FEB	Academia vs. Industry February 2, 2023	2 MAR	Networking March 2, 2023
6 APR	Acing the Interview April 6, 2023	4 MAY	Careers in Industry May 4, 2023
1 JUN	Entrepreneurship June 1, 2023	6 JUL	Is grad school right for me? July 6, 2023
3 AUG	Careers in Government August 3, 2023	7 SEP	The Basics of Building Resilience September 7, 2023
5 OCT	Skydiving into Retirement October 5, 2023	2 NOV	Finding and securing an internship November 2, 2023
		7 DEC	Careers in Academia December 7, 2023

<https://www.acs.org/content/acs/en/careers/personal-career-consulting.html>

<https://www.acs.org/content/acs/en/careers/developing-growing-in-your-career.html>

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ACS Bridge Program



Are you thinking of Grad School?

If you are a student from a group underrepresented in the chemical sciences, we want to empower you to get your graduate degree!

The ACS Bridge Program offers:

- A FREE common application that will highlight your achievements to participating Bridge Departments
- Resources to help write competitive grad school applications and connect you with mentors, students, and industry partners!



Learn more and apply at www.acs.org/bridge

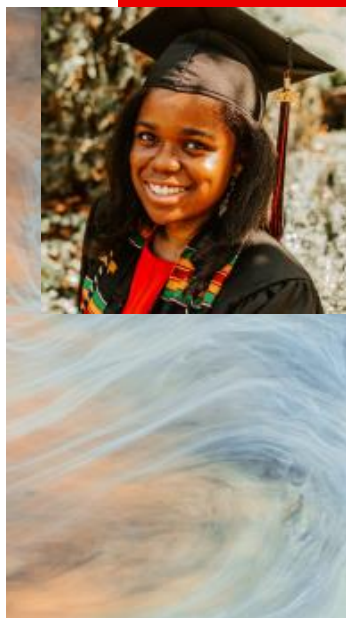
Email us at bridge@acs.org

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ACS Scholar Adunoluwa Obisesan

BS, Massachusetts Institute of Technology, June 2021
(Chemical-biological Engineering, Computer Science & Molecular Biology)



"The ACS Scholars Program provided me with monetary support as well as a valuable network of peers and mentors who have transformed my life and will help me in my future endeavors. The program enabled me to achieve more than I could have ever dreamed. Thank you so much!"

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ACS OFFICE OF DEIR

Advancing ACS' Core Value of Diversity, Equity, Inclusion and Respect



Resources

<p>Inclusivity Style Guide Designed to help staff and members use language and images that respect diversity in all its forms.</p> <p>→</p>	<p>ACS Webinars on Diversity Covering diversity and inclusion at the workplace</p> <p>→</p>
<p>ACS Publications DEIR Hub See what ACS Publications is doing for fostering inclusivity in scholarly publishing</p> <p>→</p>	<p>ACS Volunteer and ACS Meetings Code of Conduct Fostering a positive and welcoming environment for attendees, volunteers and staff.</p> <p>→</p>
<p>C&EN Trailblazers C&EN highlights scientists from different backgrounds who are making an impact in chemistry.</p> <p>→</p>	<p>NEW! Download DEIR Educational Resources Download this educational guide for additional recommendations on videos, articles, books, podcasts, and more on diversity, inclusion, and related topics.</p> <p>→</p>
<p>Quick Guide: Inclusion Moments Learn more about what Inclusion Moments are and see ideas to host them during your meetings.</p> <p>→</p>	<p>Quick Guide: How to host inclusive in-person events Recommendations and best practices to ensure that your events can accommodate everyone.</p> <p>→</p>

Diversity, Equity, Inclusion, and Respect

**Adapted from definitions from the Ford Foundation Center for Social Justice:

Equity**

Seeks to ensure fair treatment, equality of opportunity, and fairness in access to information and resources for all. We believe this is only possible in an environment built on respect and dignity. Equity requires the identification and elimination of barriers that have prevented the full participation of some groups.

Diversity**

The representation of varied identities and differences (race, ethnicity, gender, disability, sexual orientation, gender identity, national origin, tribe, caste, socio-economic status, thinking and communication styles, etc.) collectively and as individuals. ACS seeks to proactively engage, understand, and draw on a variety of perspectives.

Inclusion**

Builds a culture of belonging by actively inviting the contribution and participation of all people. Every person's voice adds value, and ACS strives to create balance in the face of power differences. In addition, no one person can or should be called upon to represent an entire community.

Respect

Ensures that each person is treated with professionalism, integrity, and ethics underpinning all interpersonal interactions.

<https://www.acs.org/content/acs/en/about/diversity.html>

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TWENTY-SEVENTH ANNUAL GREEN CHEMISTRY & ENGINEERING CONFERENCE

June 13-15, 2023 | Long Beach, CA

Closing the Loop: Chemistry For a Sustainable Future

Call for Abstracts

Will Open January 2023



gcande.org



ACS Green Chemistry Institute
Chemistry for Life

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WHAT HAPPENS TO SPACE JUNK? SPACE TRASH? R. Chemistry 5.5K views · 4 months ago	CAN SCIENCE REPLACE MY ACTUAL BLOOD? Can Science Replace Blood Transfusions? 7.2K views · 4 months ago	HOW IS WHISKEY MADE? A DEEPER DIVE INTO DISTILLING 6.5K views · 5 months ago	Your Gas Stove is Polluting Your Home We never · 1 month ago	We Made Pop Rocks at Home with Science 13K views · 11 months ago	I Am Gold To Prove a Point 12K views · 11 months ago	HOW DO HYDROGEN FUEL CELLS WORK? 44K views · 11 months ago	HOW OXYGEN MASKS BROUGHT DOWN A PLANE 10K views · 1 year ago

<https://www.youtube.com/c/ACSReactions/videos>

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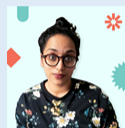
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to listen to?



Check out Tiny Matters, from the American Chemical Society.



Sam Jones, PhD
Science Writer & Exec Producer



Deboki Chakravarti, PhD
Science Writer & Co-Host

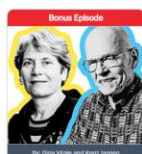
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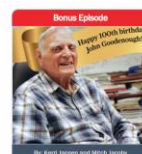
Bonus Episode
Carolyn Bertozzi and K. Barry Sharpless chat about sharing the 2022 Nobel Prize in Chemistry
December 6, 2022



Bonus Episode
Bioorthogonal, click chemistry clinch the Nobel Prize
October 5, 2022



Episode #46
Lithium mining's water use sparks bitter conflicts and novel chemistry
September 13, 2022



Bonus Episode
Happy 100th birthday, John Goodenough!
For John Goodenough's 100th birthday, Stereo Chemistry revisits a fan-favorite interview with the renowned scientist
July 25, 2022



Bonus Episode
Jesse Wade on Wikipedia and work-life balance
June 21, 2022



Bonus Episode
The sticky science of why we eat so much sugar
May 31, 2022



Bonus Episode
There's more to James Harris's story
April 27, 2022



Bonus Episode
The helium shortage that wasn't supposed to be
March 24, 2022

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VOICES AND STORIES FROM THE WORLD OF CHEMISTRY



cen.acs.org/sections/stereo-chemistry-podcast.html

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Heroes of Chemistry

This award is one of ACS's highest honors for industry, recognizing companies which have developed successfully commercialized products.

**NOMINATIONS ARE OPEN
THROUGH FEBRUARY 1.**



acs.org/heroes | chemhero@acs.org | [#HeroesOfChemistry](https://twitter.com/HeroesOfChemistry)



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ACS Industry Member Programs

- **ACS Industry Matters**

ACS member only content with exclusive insights from industry leaders to help you succeed in your career. #ACSIndustryMatters

Preview Content: acs.org/indnl

- **ACS Innovation Hub LinkedIn Group**

Connect, collaborate and stay informed about the trends leading chemical innovation.

Join: bit.ly/ACSinnovationhub

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NEXT WEEK!

Thurs., Feb. 8, 2023 | 2:00-3:15pm ET

Breaking Barriers: Women in Green and Sustainable Chemistry

Co-produced with the ACS Green Chemistry Institute



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More Tips for Publishing in ACS Journals

Co-produced with ACS on Campus and ACS Publications



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Co-produced with ACS Office of Diversity, Equity, Inclusion & Respect

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THIS ACS WEBINAR®
WILL BEGIN SHORTLY...

👋 Say hello in the
questions window!

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Catalyzing Change: Using Your Chemistry Expertise to Advise Policymakers



KAVI CHINTAM

PhD Candidate,
Chemical Engineering,
Northwestern University



BRANDON MCMURTRY, PhD

AAAS Science and
Technology Policy Fellow,
U.S. Department of Energy



MARY SABUDA, PhD

Science Policy Fellow,
Government Affairs, Office
of the Secretary and General
Counsel, ACS



MILCAH S. JACKSON, PhD

Program Specialist, Student
and Postdoctoral Scholars
Development, ACS

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Scholars Development Office and ACS Office of Government Affairs.

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The Role of Science in Policy



ACS
Chemistry for Life[®]

Science for Policy

*The use of scientific data to
inform evidence-based
policymaking decisions.*

Think: Public health or
environmental regulations

Policy for Science

*Policies derived from societal input
govern how science is conducted.*

Think: Federal budget funding for
scientific research.

Take an active role in science policy

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KAVI CHINTAM

PhD Candidate, Chemical Engineering, Northwestern University

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My Background

- Kavitha (Kavi) Chintam, she/her
- Immigrated here, grew up in FL



- **B.S. Chemical Engineering, University of Pittsburgh**

- Served as intern at Pittsburgh City Council
- Involved with Pitt Engineers Without Borders
- Data analysis research on abandoned gas/oil wells in PA
- Various other community organizing



- **Post-bac Researcher, Los Alamos National Laboratory**

- Engaged in local service work (immigration and education related)

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Current Roles



Northwestern
University

- Ph.D. Candidate in Chemical Engineering, Northwestern University
- President of Science Policy Outreach Taskforce (SPOT)
- Co-Founder & Co-Chair of NU ChBE Anti-Racism, Diversity, Equity, & Inclusion (ARDEI) Committee
- Former Advocacy Committee Chair of National Science Policy Network (NSPN)
- Policy Analyst for RE-AMP Network
- Involved in graduate worker unionization efforts

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Community Involvement

- **Immigrant/refugee rights**

- Tutored for RefugeeOne



- **Food security**

- Volunteer for Chicagoland Food Sovereignty Coalition and Edgewater Mutual Aid Network

- **Early childhood education**

- Volunteer for SitStayRead

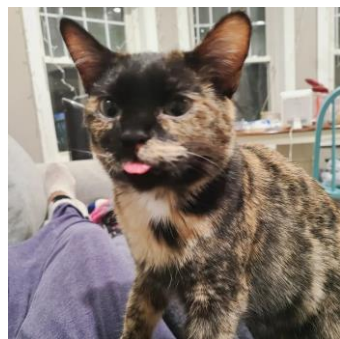


- **Getting out the vote**

- Aid residents in registering to vote
- Encourage voting participation in local elections
- Volunteer on select campaigns

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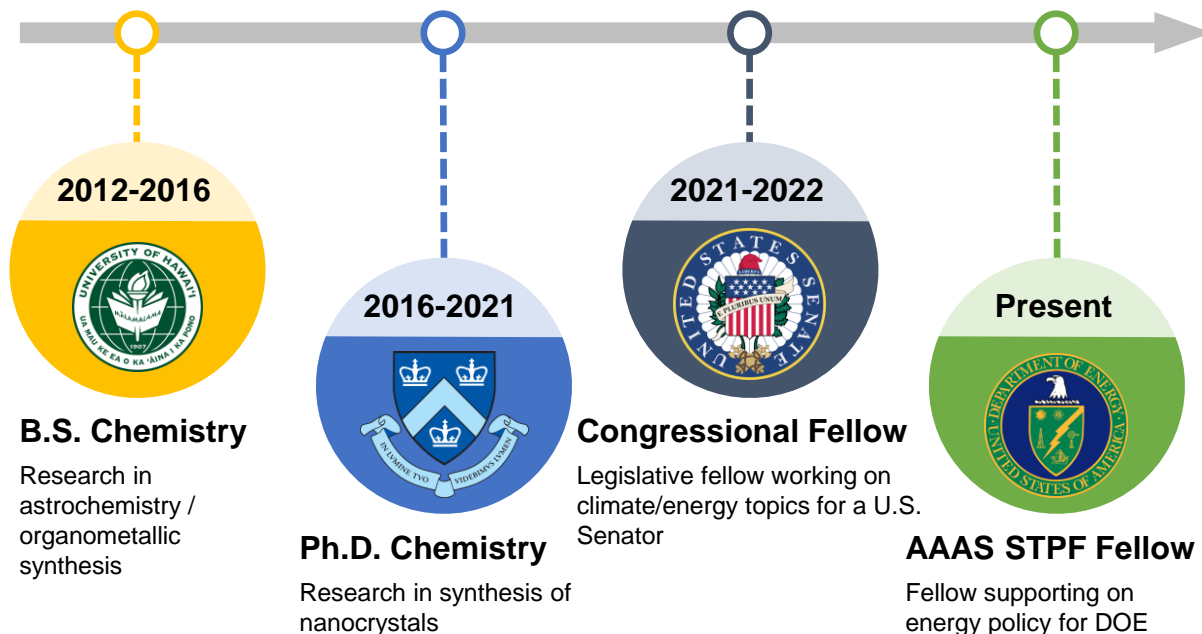
BRANDON MCMURTRY, PhD

AAAS Science and Technology Policy Fellow, U.S. Department of Energy

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Academic/Career Timeline



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Audience Survey Question

ANSWER THE QUESTION ON THE INTERACTIVE SCREEN IN ONE MOMENT

How much experience do you have with science policy activism?

- Not at all, but I would like to learn more today
- I have written to congress or the media regarding science policy
- I have participated in science policy campaigns like ACT4Chemistry
- I have participated in science Advocacy Workshops like the ones run by ACS
- Other (let us know more in the questions window)

* If your answer differs greatly from the choices above **tell us in the chat!**

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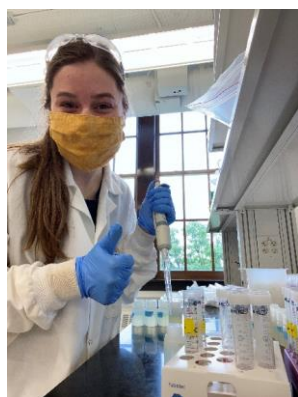
MARY SABUDA, PhD

Science Policy Fellow, American Chemical Society

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My journey to science policy



BS – Geology
MSc – Biogeochemistry
PhD – Earth & Environmental Sciences

In grad school, I participated in a Congressional Visits Day event and loved it.

Worked to build a science policy resume after that

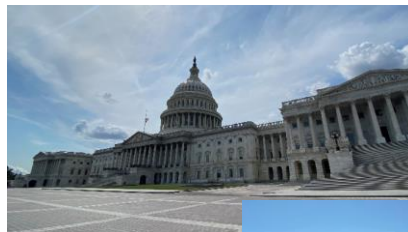


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My journey to science policy



- Landed in Washington, DC at ACS as the 2021-2023 Science Policy Fellow
- I work to:
 - Track chemistry & STEM issues across the federal government
 - Create tools and messaging to help ACS members engage with their Congresspeople
 - Guide ACS members through revising ACS policy position statements that guide our advocacy work.



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ACS Public Policy Fellowships



ACS Public Policy Fellowships are short term training opportunities for Ph.D. (or M.S. equivalent) ACS members exploring policy work

- **Science Policy Fellow:** works in-house at ACS HQ
- **Congressional Fellows:** embedded staffers in legislative offices or committees, administered as part of the AAAS S&T Policy Fellowship Program



2024-25 application cycle opens November 15th, 2023



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ACS Government Affairs



ACS amplifies policy concerns of chemists and chemical engineers through its **Government Affairs** office, housed in the Office of the Secretary and General Counsel

How does ACS engage with policy?



- Works with ACS members to create, revise, or retire ACS positions on policy issues
- Reviews legislation and issues for alignment with ACS statements

- Tracks activity in Congress
- Represents member interests in meetings with Congress
- Drafts and advocates for specific pieces of legislation
- Organizes briefings and events to educate Congress on chemistry-related issues

- Tracks activity in Federal agencies
- Voices chemists' concerns to agencies through meetings and public comments
- Supports member nominations to advisory positions

- Continuously shares information about current happenings in DC ([@act4chemistry](#))
- Creates and distributes advocacy resources
- Provides advocacy education and training for members

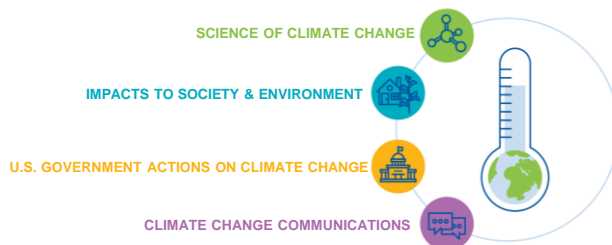
ACS Advocacy Workshops



Chemistry Advocacy Workshop



Climate Change Advocacy Workshop



American Chemical Society

acs.org/advocacyworkshops

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Build your science policy resume



Catalyzing Advocacy in Science & Engineering (CASE) Workshop
Apply to be sponsored by ACS!

Do you have an interest in science policy?

ACS is fully sponsoring 2 students (grad or undergrad) to travel to Washington, DC and participate in the AAAS CASE workshop March 26-29, 2023.

- ✓ Learn about the federal policymaking process
- ✓ Network with policy professionals
- ✓ Collaborate with other students engaged in science policy

APPLY HERE:

Applications due February 12, 2023 by 11:59 PM EST

- Take the ACS Advocacy Workshops (acs.org/advocacyworkshops)
- Join Act4Chemistry, participate in advocacy opportunities (@Act4Chemistry)
- **Science Diplomacy:** ACS ENVR & GA teams facilitate training & send student delegates as observers to the United Nations climate talks

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ACS Postdoc to Faculty (P2F) Workshop



P2F Workshop Highlights

- Learn about the expectations of faculty at various institution types
- Receive feedback on Faculty Application Materials
- Learn strategies for balancing scholarship, teaching, and service expectations
- Network with experienced faculty and other postdocs

Learn more and apply at
www.acs.org/p2f



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Interested in Grad School?



Apply through the ACS Bridge Program (ACS-BP)!

The ACS-BP seeks to increase the number of students from underrepresented groups obtaining a PhD in the chemical sciences. Students can take advantage of invaluable research experiences, advanced coursework, and mentoring and coaching to guide them through the graduate school application process.

Applications due March 15

www.acs.org/bridgeprogram

Genentech
FOUNDATION



 Bristol Myers Squibb™



Lilly

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**THE LIVE Q&A IS
ABOUT TO BEGIN!**

Keep submitting your questions
in the questions window!

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